

ABSTRACT OF THE DISCLOSURE

The present invention provides a transmission apparatus for video information which enables a wireless transmission of video information at a low rate regardless of the OS. A transmission apparatus for video information according to the present invention has an input part for inputting video information transmitted by a central processing unit, a level information generation part for generating level information of each pixel on the screen based on, at least, said video information, a memory part for storing the level information of each pixel of the entire region of the screen, a region extraction part for extracting a region of a screen which includes pixels relating to said video information, an update region level information generation part for generating level information of each pixel in said region of the screen, based on the level information of each pixel generated by said level information generation part, a compression part for compressing information amount of the level information of each pixel in said region of the screen and a communication part for transmitting location information of said region of the screen and said compressed level information.